



Michigan Department of Community Health, 201 Townsend Street, Lansing, MI 48913

FLU UPDATES

JOURNAL ARTICLES

Quadrivalent Vaccine

The journal *Vaccine* published the following article, "[Public health impact of including two lineages of influenza B in a quadrivalent seasonal influenza vaccine](#)." Researchers found that the potential net impact of quadrivalent vaccine on influenza-associated outcomes is expected to vary between seasons, depending on annual variability in the incidence of influenza caused by the two influenza B lineages, vaccine coverage, and effectiveness. The additional protection provided by including a second lineage of influenza B could result in a modest reduction in influenza-associated outcomes.

MedImmunue developed an informational website on the new vaccine: <https://www.flumistquadrivalent.com/>

Adolescent Flu Coverage

Based on a [recent study in Vaccine](#), influenza vaccination coverage among adolescents based on parent report was just over 10 percentage points higher than reported by providers. The researchers analyzed data from the 2009 National Immunization Survey-Teen (NIS-Teen), a two-phase survey that estimates vaccination status by interviewing by phone parents in randomly selected households of 13- to 17-year-olds and then following up with a mail survey to the adolescents' providers.

Flu Season Summary

The European Center for Disease Prevention and Control published a [risk assessment](#) for their experience with the current 2011-12 influenza season. Similar to the United States, they've had unusually late, mild season with influenza A(H3N2) viruses dominating.

Flu Activity

Last week the estimated flu activity level in Michigan was upgraded from 'regional' activity to the highest level of 'widespread' activity, reflecting increases in the Southwest and North regions of the state. For more information, MI FluFocus archives are available [here](#).

Vaccination Coverage in Nursing Homes

A [recent study](#) found that variation in influenza vaccination coverage between black and white nursing home residents was highest in homes with mostly black residents, which were also the homes with the lowest overall flu vaccination coverage. The authors conclude that the racial gap in flu vaccination coverage can be minimized by implementing culturally appropriate interventions in facilities that have larger proportions of black residents.

INFLUENZA NEWS ARTICLES

- [Moderate flu activity persists in parts of US, world](#)
- [CDC Confirms Typical Human Influenza A H3N2 Virus in Maryland Cluster](#)
- [Influenza "Histone Mimic" Suppresses Antiviral Response](#)
- [Microneedle vaccine patch boosts flu protection through robust skin cell immune response](#)

AVIAN INFLUENZA

- [WHO hopes controversial bird flu studies will be published by summer](#)
- [Former officials questioned over bird flu outbreak](#)
- [Dutch cull 42,700 turkeys after bird flu found](#)

FLU RESOURCES

Stay up-to-date with:

MDCH: www.michigan.gov/flu

CDC: www.cdc.gov/flu

HHS: www.flu.gov

MDCH'S [MONTHLY](#) FLU POSTERS

1st National Immunization Conference Online (NICO)

The 1st NICO, a virtual conference, will take place March 26-28, 2012. Workshops will include multiple presentations and will be one hour in length, and will be recorded. For more information go to the CDC's National Immunization Conference [section](#).

ADDITIONAL IMMUNIZATION NEWS

The American Academy of Microbiology published a new resource titled, "[FAQ: Adult Vaccines: A Grown Up Thing to Do](#)." It is intended for the public and explains how vaccines protect people from disease, what vaccination options are available to adults, and why adults need to stay up to date on vaccines.

News Article:

- [U.S. travelers to Olympics may bring home measles, CDC warns](#)

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